

TITLE: METHOD AND APPARATUS FOR TISSUE
HARMONIC IMAGING WITH NATURAL (TISSUE)
DECODED CODED EXCITATION
INVENTOR: Ha , et al
APPLICATION NO.: unassigned
CONF. NO. ; DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

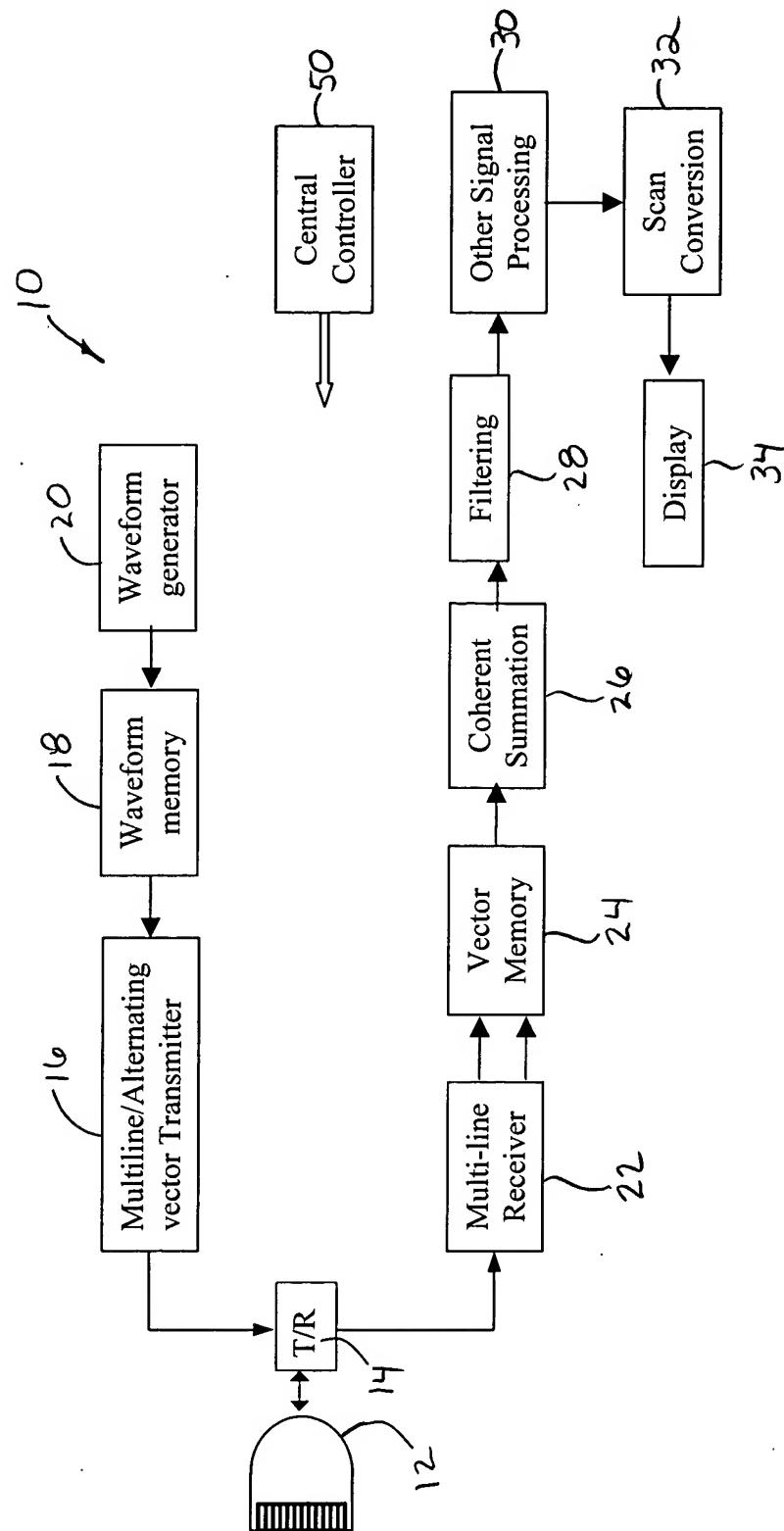


Fig. 1

TITLE: METHOD AND APPARATUS FOR
TISSUE HARMONIC IMAGING WITH NATURAL
(TISSUE) DECODED CODED EXCITATION
INVENTOR: Ha , et al
APPLICATION NO.: unassigned,
CONF. NO. : DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

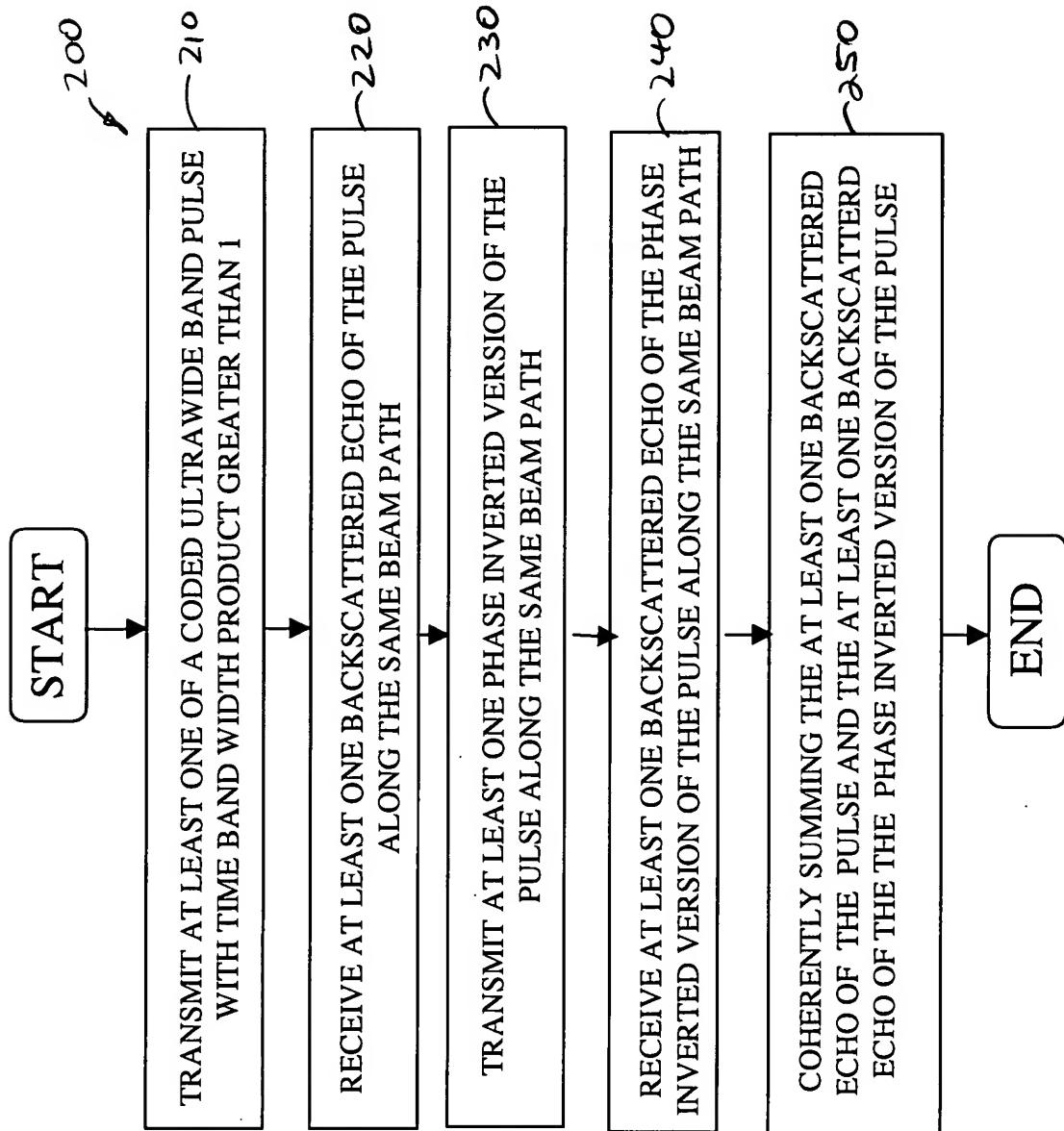


Fig. 2

TITLE: METHOD AND APPARATUS FOR
TISSUE HARMONIC IMAGING WITH NATURAL
(TISSUE) DECODED CODED EXCITATION
INVENTOR: Hao, et al
APPLICATION NO.: unassigned,
CONF. NO. ; DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

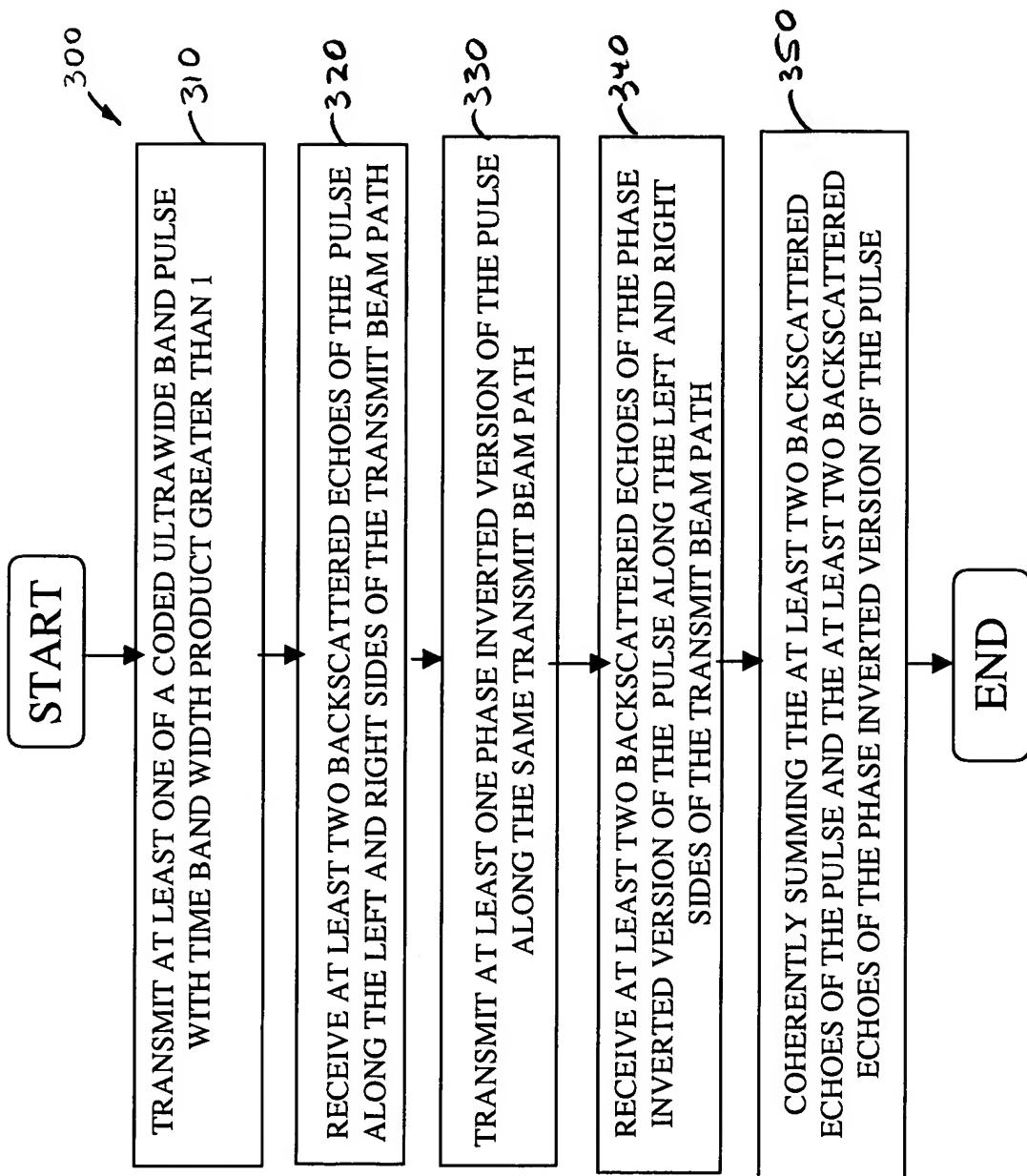


Fig. 3

TITLE: METHOD AND APPARATUS FOR
TISSUE HARMONIC IMAGING WITH NATURAL
(TISSUE) DECODED CODED EXCITATION
INVENTOR: Hao, et al
APPLICATION NO.: unassigned,
CONF. NO. : DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

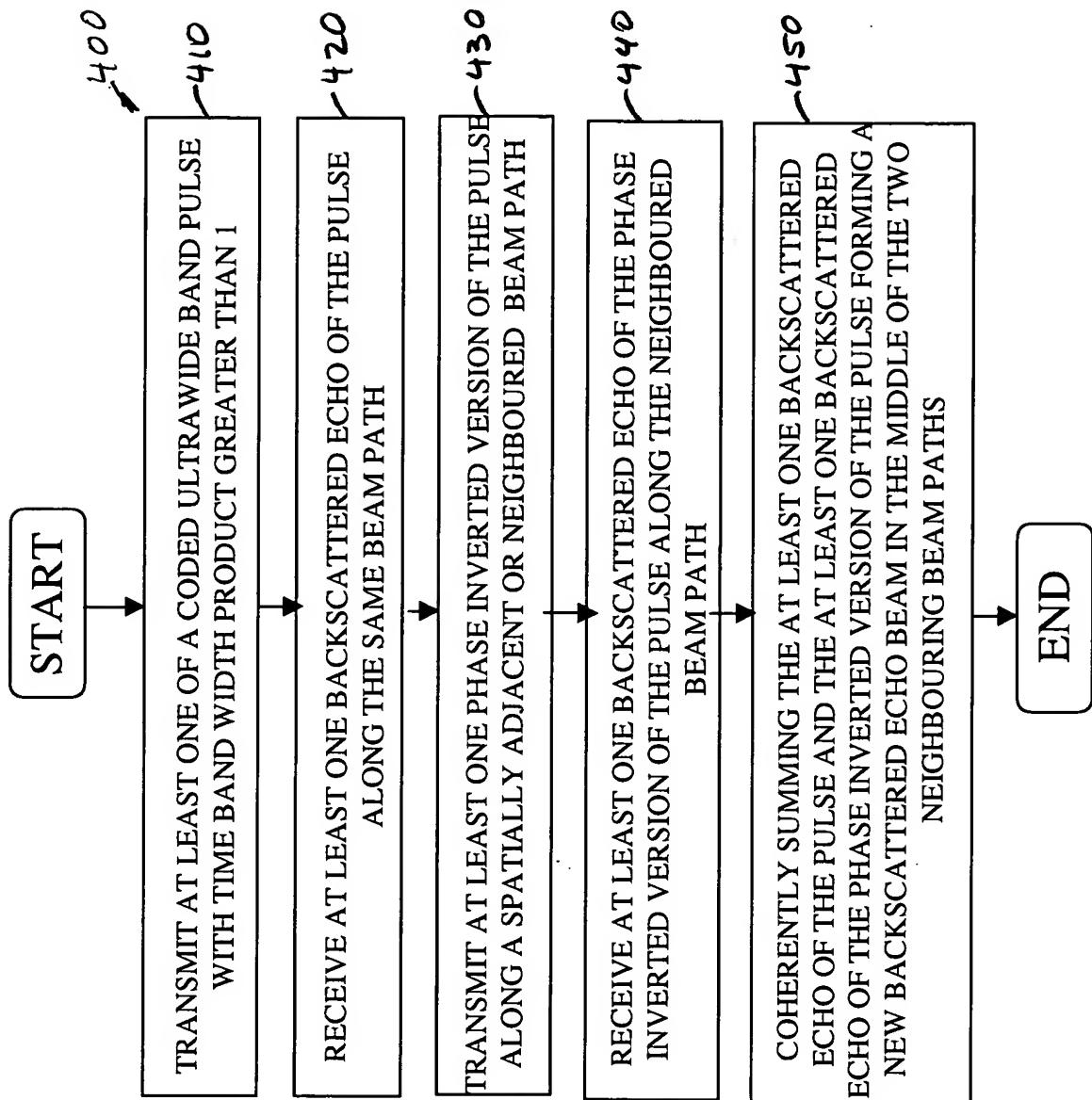


Fig. 4

TITLE: METHOD AND APPARATUS FOR
TISSUE HARMONIC IMAGING WITH NATURAL
(TISSUE) DECODED CODED EXCITATION
INVENTOR: Hao, et al
APPLICATION NO.: unassigned,
CONF. NO. ; DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

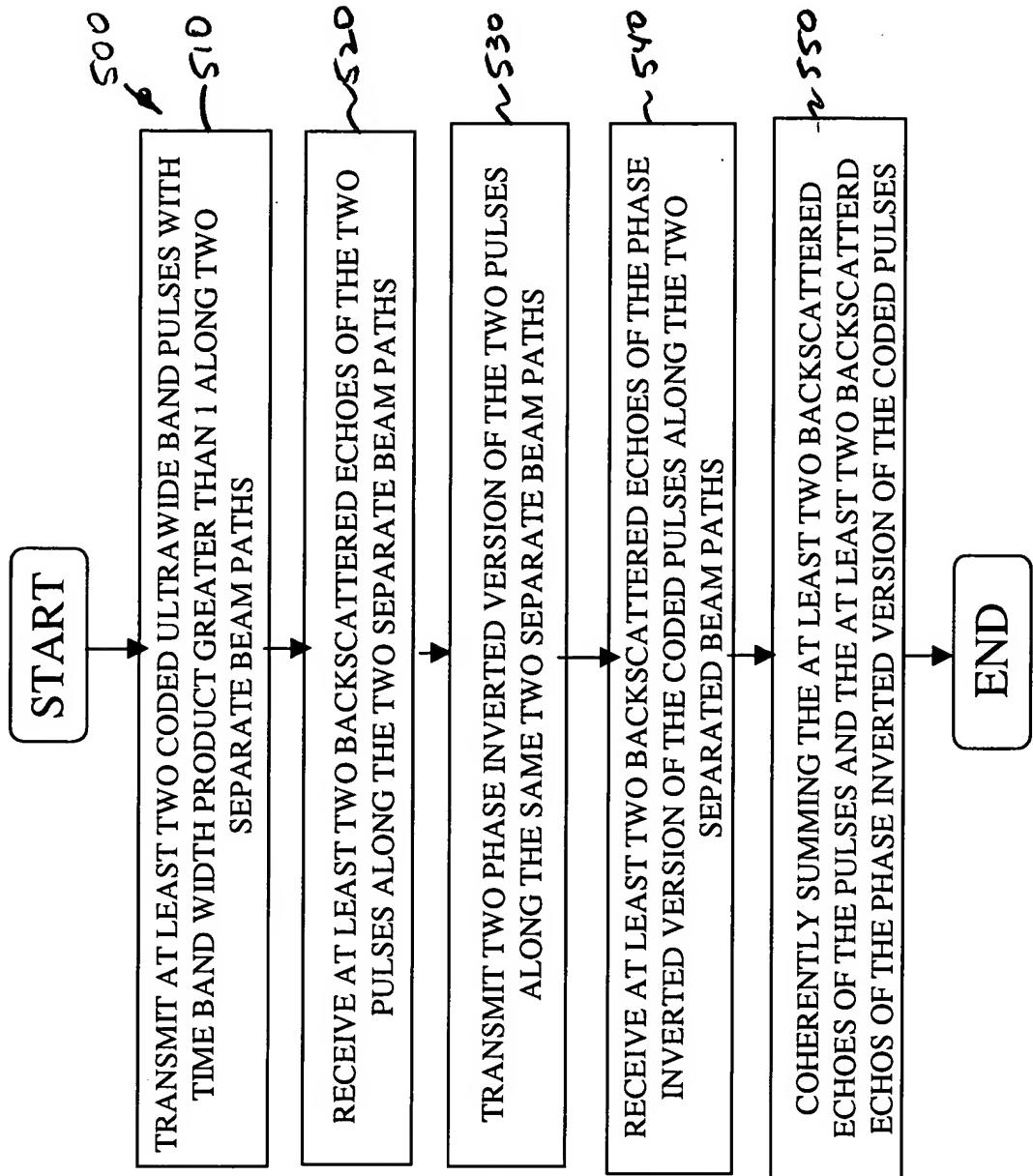


Fig. 5

TITLE: METHOD AND APPARATUS FOR
 TISSUE HARMONIC IMAGING WITH NATURAL
 (TISSUE) DECODED CODED EXCITATION
 INVENTOR: Ha , et al
 APPLICATION NO.: unassigned,
 CONF. NO. ; DOCKET NO. 15113US02
 ATTORNEY: TLH, PHONE: 312-775-8000

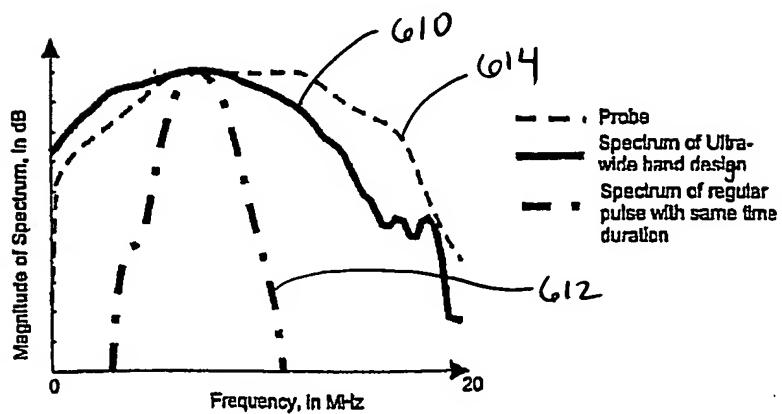


Fig. 6 Spectrum of the Ultra-wide band pulse and a regular pulse with the same time duration and center frequency

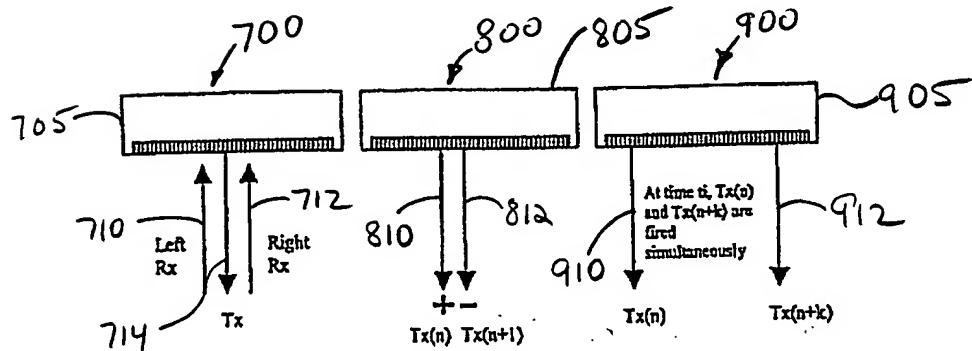


Fig. 7

Fig. 8

Fig. 9

TITLE: METHOD AND APPARATUS FOR
TISSUE HARMONIC IMAGING WITH NATURAL
(TISSUE) DECODED CODED EXCITATION
INVENTOR: Hao, et al
APPLICATION NO.: unassigned,
CONF. NO. ; DOCKET NO. 15113US02
ATTORNEY: TLH, PHONE: 312-775-8000

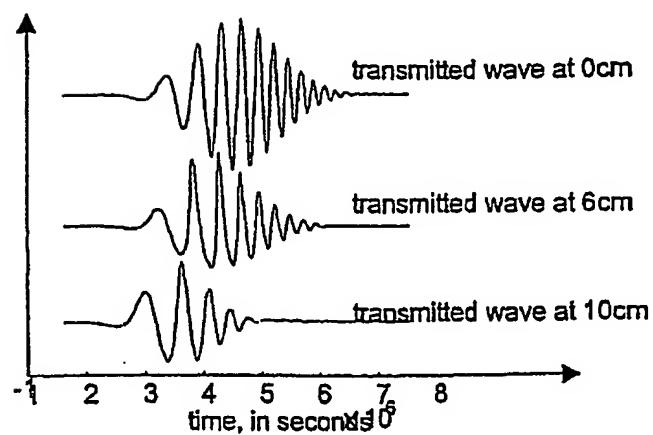


Fig. 10 Attenuation effect on the Ultra-wide band transmitted signal